

REPORT NO.	912518	REF ID	32541	MAP REFERENCE	C	LATITUDE	37 23 N	LONGITUDE	105 18 E
COUNTRY	CHINA		PROVINCE	WUC 383D (NINGXIA HUI AUTO REGION)					
AREA NO	L	SUBJECT	BAG	OBJECT	DID	SUBJECT		SUBJECT	
	CH	1	N	6	\$	A	A	N	
	Q	A	R	T	Z	I	T	I	C
MAKES IN NORTHERN PART OF <del>CHINA</del> <sup>MI PRO</sup> SHAN									
<sup>49 ON</sup> BE CIA MAP H 421.11-22 145909-R									

49	14	25X1A		
DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	2
CAPTION				REB

PHOTO NO.	912519	LOC NO.	32541	MAP REFERENCE	C	COORDINATES	37 23 N 105 18 E
COUNTRY	CHINA		PROVINCE	WUL 383 D (NINGXIA HUI AUTO REGION)			
AREA NO.	L	SUBJECT	DAG DIM	SUBJECT		SUBJECT	
	C H I N E		S H A L E		F O L D E D		
	R E E N		S H A L E		I N		
	O N E						

MINUTELY FOLDED GREEN SHALE IN SILURIAN QUARTZITIC SANDSTONE IN PAOS  
#52 ON CIA MAP H421.11-22 145909-R

52	DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	25X1A
	58	4	1	C	2	
CLASSIFICATION				CAPTIONED BY		
CONFIDENTIAL				REB		



WFO NO.	912021	REF ID	A 2541	MAP REFERENCE	C	LATITUDE	37 23N	LONGITUDE	105 18E
COUNTRY	CHINA			PROVINCE	WAC 388D (NINGBIA Hu Auto Region)				
AREA NO	L	SUBJECT	DIB	SUBJECT	DIM	SUBJECT	BAG	SUBJECT	
	C H I N G				S H A N			L O E F	F
	L L F		L K G		W E S T			F R	M I P
	A O		E H A N.						

SEE # 54 ON CIA MAP H421.11-22 145909-R

54

~~25X1A~~

DATE OF PHOTO		TYPE	QUANTITY	CLASS	NO. OF CARDS
5	8	4	1	C	3

RECEIVED

APPROVED: REB

CONF/NFO

**CAPTION** **7E3**

PHOTO NO.	912522	LOT NO.	2541	MAP REFERENCE	C	CARRIES	37 23N 105 16E
COUNTRY	CHINA		PROVINCE	YUC 383D (NINGBIA HI Mts. Region)			
AREA NO.	L	RANGE	SUBJECT	SUBJECT	SUBJECT	SUBJECT	SUBJECT
		BAG	DID	DIQ			
	CHIN'G		SHAN				
	SHAN		STONE				
	N		LIMESTONE				

SILURIAN QUARTZITIC SANDSTONE & ORDOVICIAN  
LIMESTONE IN SOUTHERN PART OF ~~SHAN~~ SHAN  
SEE # 55 ON CIA MAP H 421.11-22 145909-R

55-SE		1,4		25X1A	
DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	
58	4	1	C	3	
CAPTION			REB		

PHOTO NO.	91583	LOT NO.	32541	NAV REFERENCE	C	CARD NO.	57	DATE	15	MO	12
COUNTRY	CHINA		PROVINCE	YUNNAN (NORTH)							
AREA NO.	L	SUBJECT	BAG	DID	D43	SUBJECT		SUBJECT		SUBJECT	
CHINA											
YLLITE											
EFT											

GREEN PHYLLITE BETWEEN CROVICIAN  
LIMESTONE, R; SILURIAN QUARTZITE  
LEFT AT SOUTHERN END OF <sup>PHO</sup> ~~CHINESE~~ SHAN

LKG SW. SEE # 56 ON CIA MAP H4211-22 14598-R

52	14, 18	25X1A		
DATE OF PHOTO	TYPE	QUANTITY	CLASS	NO. OF CARDS
58	4	1	C	3

CONFIDENTIAL

REB

PHOTO NO.	912521	REF ID	A2541	NAV REFERENCE	C	LATITUDE	103	18E
COUNTRY	CHINA			PROVINCE	WNC 383D (NINGXIA HUI AUTO Region)			
AREA NO	L	SUBJECT	BAG	SUBJECT	D45	SUBJECT	DIL	SUBJECT
CHINA		SHAN		COR		ROAD		ED
Q		R		D		V		C
I		A		N		L		I
M		E		T		O		N
E								

AT 80. END OF ~~SHAN~~ MI PAO SHAN. SEE # 57  
 ON CIA MAP H421.11-22 145909-R.

57 1, 4, 18 25X1A

DATE OF PHOTO	TYPE	QUANTITY	CLASS	NO. OF CARDS
58	4	1	C	3

CAPTION: REB











PHOTO NO.	912528	LOC NO.	2541	MAP REFERENCE	C	LATITUDE	37 23N	LONGITUDE	105 18E
COUNTRY	CHINA		PROVINCE	WUC 383 D (NINGXIA HUI Auto Region)					
AREA NO.	L	SUBJECT	BAG	SUBJECT	DIU	SUBJECT	DIA	SUBJECT	DIW
CH		ING		\$ HAN		H A		N G	
O V E R		H E A D		B O U L D E R		\$		I N	
W R A		V I		N E					

IN MI PAO \$ HAN, SEE CIA USE #15 ON 58, 60, 61  
 SEE #62 ON CIA MAP H421.11-22 145909-R

62	14	25X1A			
BASE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	NO.
58	4	1	C	4	
CLASSIFICATION			CAPTIONED BY		
CONFIDENTIAL			KEB		
Approved for Release 1999/09/21 : CIA-RDP78-05867A000414450008-4					

PHOTO NO.	912529	LOT NO.	2541	MAP REFERENCE	C	GRID	37 17N 105 17E	
COUNTRY	CHINA		PROVINCE	WAC 383D (NINGXIA Hui Auto Region)				
AREA NO.	L	SUBJECT	DIB	SUBJECT	DIQ	SUBJECT	BAG C38	
SHAN-CHENG-KUAN TZE		HAI		A O - WE		CHUA		
M (NR)		TERTIARY		RED		C		
ONGLOMORTE								

(TERTIARY) (KU-YUAN SERIES) RED CONGLOMERATE  
 AT SHAN-CHENG-KUAN TZE. SEE # 63 ON  
 CIA MAP H421.11-22 145909-R.

63	1, 4, 7	25X1A		
DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	4
CLASSIFICATION		CAPTIONED BY		
CONF/NFO		KEB		

PHOTO NO. 912530    REF NO. 2541    MAP REFERENCE C    LATITUDE 37 17N    LONGITUDE 105 17E

COUNTRY CHINA    PROVINCE WUC 383D (NINGXIA Hui Auto Region)

AREA NO	L	SUBJECT	BAG	SUBJECT	DI4	SUBJECT	D16	SUBJECT		SUBJECT		SUBJECT		SUBJECT	

① TERTIARY LU-YUAN SERIES 9 SILURIAN  
FORMATION NR SHAN-CHENG-KUAN-TZE  
SEE #64 ON CIA MAP H4211-22 145907-R

64

25X1A

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	NO.

PHOTO NO.	912531	LOT NO.	2541	REF ID	C	CLASS	1	DATE	1978
COUNTRY	CHINA		PROVINCE	YUNNAN					
AREA NO.	L	SUBJECT	BAG	SUBJECT	DIM	SUBJECT	D12	SUBJECT	
H A N S		- 1 + 1		A O - W		13		14	
N I N G		T I O N		T E R T I A R Y		32		F O R M A	

TERTIARY FORMATION WITH HOLES. CAUSED  
BY DEFLATION. SEE # 65 ON CIA MAP #  
H421.11-22 145909-R.

65	1,4		25X1A	
DATE OF PHOTO	TYPE	QUANTITY	CLASS	NO. OF CARDS
58	4	1	C	3.
APPROVED BY			REB	
CONFIDENTIAL Approved For Release 1999/09/21 : CIA-RDP78-05867A000414450008-4 PHOTO ANALYSIS REPORT				

PHOTO NO.	912532	LOT NO.	32541	25X1A	LATITUDE	37 17 N	105 17 E
COUNTRY	CHINA		PROVINCE	WAC 383D (NINGXIA HUI AUTO. REGION)			
AREA NO.	L	SUBJECT	BAG	DID	DIW	DIM	DIL
SHANG - H		SIAO - WEI		CHUAN		A	
N (NR)		DER T		A R Y		F I L	
K R I A N		F O R					

(TERTIARY (KU-YUAN SERIES) TERTIARY FORMATION NEAR  
 SHANG - H SIAO - WEI - CHUAN. SEE # 66 CN CIA  
 map H 421.11-22 145909-R

(66)

25X1A

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	5



WORLD NO.	912583	LOT NO.	\$2541	MAP REFERENCE	C	37 17N	105 17E	
COUNTRY	CHINA	PROVINCE	WAC 383D (NINGXIA HUI AUTO REGION)					
AREA NO.	L	SUBJECT	BAG	DID	DIZ	DIU	DDD	
\$	H	A	N	G	-	H	\$	
1	A	O	-	W	E	1	-	
N	(M)	R						
U	R	I	A	N				
SILURIAN & TERTIARY (KU-YUAN PERIOD) DIPPING TOWARD SW. SEE # 67 ON CIA MAP H42111-22, 145909 R.								

67		1.4 29		25X1A	
NAME OF SUBJECT		TYPE	QUALITY	CLASS	NO. OF CARDS
58		4	10	C	5
CLASSIFICATION			CAPTIONED BY		
CONFIDENTIAL			XEB		
Approved For Release 1999/09/21 : CIA-RDP78-05867A000414450008-4					
PHOTO ANALYSIS REPORT					

PHOTO NO.	912534	LOC NO.	32541	REFERENCE	C	LATITUDE	37 17 N	LONGITUDE	105 17 E
COUNTRY	CHINA		WAC 383 D (NINGXIA HUI AUTO REGION)						
AREA NO.	L	SUBJECT	BAG	SUBJECT	DIP	SUBJECT	DIM	SUBJECT	DIR
SHANG - HAI		AO - WEI		CHU A		N (NR) [D, P P I N G] DER T I A			
R									

SLIGHTLY <sup>DIPPING</sup> RED CONGLOMERATE (TERTIARY)  
 (KU-YUAN SERIES) LOESS, & ORDOVICIAN LIMESTONE  
 FAR BG. SEE # 68 ON CIA MAP # H-6111-22

68 145909-R.

25X1A

BASE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	4
CAPTION				REB

PHOTO NO. 912535 LOT NO. 32541 MAP REFERENCE C CLASSIFICATION 37 111 111

COUNTRY CHINA		PROVINCE		CITY		SUBJECT		SUBJECT		SUBJECT		SUBJECT	
AREA NO L		SUBJECT BAG		SUBJECT DID		SUBJECT DIU		SUBJECT R3D		SUBJECT D12		SUBJECT D39	
D H A N		- H		1 1		2 0		- W E		1		11	
M (NR)		23		Q U A R T Z		I T I C		B A N		C		30	
D S T O N E		11		30		30							

GREEN QUARTZITIC SANDSTONE (SILURIAN)  
SEE #79 ON CIA MAP #421.11-22145909-R

69

25X1A

DATE OF PHOTO		TYPE		QUALITY		CLASS		NO. OF CARDS	
58		4		1		C		5	
CAPTION		CONFIDENTIAL		REB					

PHOTO NO.	912536	LOT NO.	2541	MAP REFERENCE	C	CAPTION	37 17N 105 17E			
COUNTRY	CHINA	PROVINCE	WOC 383D (NINGBIA Hui Auto Region)							
AREA NO	L	SUBJECT	BAG	DID	D39	D3D	DIM	D12	SUBJECT	SUBJECT
SHANG - H SIAO - W E I - C H U A										
N (NR) QUARTZITIC										
DATIONE										

GREEN QUARTZITIC SANDSTONE (SILURIAN)  
SEE #80 ON CIA MAP H421-11-22 145909-R

70

25X1A

1.4.29

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	NO.
58	4	1	C	6	
APPROVED FOR RELEASE 1999/09/21 : CIA-RDP78-05867A000414450008-4					
PHOTO ANALYSIS REPORT					

PHOTO NO.	912537	LOT NO.	32541	MAP REFERENCE	C	LATITUDE		37 17 N	105 17 E
COUNTRY	CHINA		PROVINCE	NOR 323D (NINGXIA Hui Auto Region)					
AREA NO.	L	SUBJECT	BAG DID	SUBJECT		SUBJECT		SUBJECT	
B H A N G - H E I A O - W E I - C H U A									
N (NR) S I L U R I A N A N T I C									
L I N E									

EASTERN LIMB OF ~~SIN~~ SILURIAN QUARTZITE ~~STEEP~~  
ANTICLINE.

71

25X1A

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	NO.
58	4	1	C	2	
CAPTIONED BY					
XEB					



PHOTO NO.	912539	LOT NO.	32541	MAP REFERENCE	C	LATITUDE	37 17N	LONGITUDE	105 17E
COUNTRY	CHINA		PROVINCE						
AREA NO.	L	WAL 383D (NINGXIA HELL AUTO REGION)							
SUBJECT	BAL	DIT	DIB						
SUBJECT	SHANG - H \$ 1 A O - WEI - CHUA								
SUBJECT	N (NR) CARBONIFEROUS								
SUBJECT	LIMESTONE								

RECUMBENT FOLDS IN CARBONIFEROUS  
LIMESTONE. SEE # 73 ON CIA MAP # 421.1-22  
145909-R.

73	1, 4				25X1A
DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	
58	4	1	C	3	
CAPTIONED BY				KEB	
<div style="display: flex; justify-content: space-between;"> <span>CONFIDENTIAL</span> <span>Approved For Release 1999/09/21 : CIA-RDP78-05867A000414450008-4</span> </div>					



REPORT NO.	912540	LOT NO.	32541	MAP REFERENCE	C	COORDINATES	37 17N 105 17E
COUNTRY	CHINA		PROVINCE	WU 355 (NINGXIA Prov. Auto Reg. 54)			
AREA NO.	L	SUBJECT	BAG	DIM			
SHAN - H \$ V A O - W E V - C H I A N (WR) C A R B O N I F E R O U S L I M E S T O N E							

CREST OF SMALL ANTICLINE IN CARBONIFEROUS  
 LIMESTONE. SEE #74 ON CIA MAP H42111-22  
 145909R.

(74)

25X1A

DATE OF PHOTO	TYPE	QUANTITY	CLASS	NO. OF CARDS
58	4	1	C	2

CONFIDENTIAL

REB

PHOTO NO.	918541	LOC NO.	32541	MAP REFERENCE	C	USPNO	171
COUNTRY	CHINA		PROVINCE				
AREA NO.	L	SUBJECT	BAG	SUBJECT	DIM	SUBJECT	DIU
A 11		N (N 2)		C A R B O N		I F E R O U S	
L I M E		S T O N E					
CREST OF SMALL ANTICLINE IN CARBONIFEROUS LIMESTONE. SEE CIA (USE # ON) LKG NORTH.							
SEE # 75 ON CIA MAP H421.11-22 145907-R.							

DATE OF PHOTO		TYPE	QUANTITY	CLASS	NO OF CARDS
58		4	1	C	3
CAPTIONED BY				25X1A	
CONFIDENTIAL				REB	
Approved For Release 1999/09/21 : CIA-RDP78-05867A000414450008-4					

PHOTO NO.	912512	LOC NO.	2541	REFERENCE	C	COORDINATES	37 17N 105 11E
COUNTRY	CHINA		PROVINCE	WCC 383 D (NINGXIA Hui Auto Region)			
AREA NO.	L	SUBJECT	DID	SUBJECT	DIM	SUBJECT	BAG
\$ H A N G -		H \$ 1 A O -		W E		- C H U A	
N (M R)		C A R B O N		I F E R O U S			
\$ A N D \$ T O W E							

\$ TRATIFIED CARBONIFEROUS SANDSTONE.  
 NOTE \$ TEEP DIP TOWARD WEST. SEE #76  
 ON CIA MAP H42.11-22 145909-C.

(76)		1.4		25X1A	
DATE OF PHOTO	TYPE	QUANTITY	CLASS	NO. OF CARDS	
58	4	1	C	3	
APPROVED FOR RELEASE 1999/09/21			CIA-RDP78-05867A000414450008-4		
PHOTO ANALYSIS REPORT					

SEE #77 ON CIA MAP #4211-22 145909 R

25X1A

77

1414

**DATE OF PHONE**

**FROM**

**quality**

**CLASS**

NO. OF CARDS

5

4

C

5

**CAPTION:**

354

**CLASSIFICATION**

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PHOTO ANALYSIS REPORT

**CDI**  
**LABORATORY**

**COUNTRY** CHINA

AREA NO. 7

**SUBJECT**  
646

**DATE**  
**DIR**

D45

**ELABORATE**

LIBRARY

**SUBJECT**

**SLAVE CITY**

CARBON, FERROUS  
 SANDSTONE

VERTICAL CARBONIFEROUS ~~ERODED~~ SANDSTONE  
BEDS (ERODED, NOT FOLDED). SEE # 78 ON  
CIP MAP # 42L. 11-22 145909-R.

25X1A

(78)

**DATE OF PHOTO**

**TYPE**

## QUALITY

**CLASS**

NO. OF CARDS

58

4

7

C

6

**CAPTION**

**XEB**

Approved For Release 1999/09/21 : CIA-RDP78-05867A000414450008-4

PHOTO ANALYSIS REPORT

1952年10月 - 1953年10月

PHOTO NO. 912515      LOT NO. 32541      25X1A      57 28 N 105 34 E

COUNTRY CHINA      PROVINCE YILU 383 C      NINGXIA HUI AUTO. Region

AREA NO.	SUBJECT	SUBJECT	SUBJECT	SUBJECT	SUBJECT	SUBJECT	SUBJECT	SUBJECT
L	D12	D36	BAG					
H	U	A	N	-	H	O	-	P
E	L	T	E	R	R	A	C	E
A	N	G	H	O				

(BETWEEN HSIUAN-HO-PU + CHUNG-WEL LINE NE  
SEE # 79 ON CIA MAP H 421.11-22 145-909-R.

79      25X1A

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CASES
58	4	1	C	3

APPROVED FOR RELEASE 1999/09/21 : CIA-RDP78-05867A000414450008-4

PHOTO ANALYSIS REPORT

FORM 174 176 USE PREVIOUS EDITIONS

PHOTO NO. 912546	LOT NO. 2541	MAP REFERENCE WAL 383	LATITUDE 37 27N	LONGITUDE 104 55E
COUNTRY CHINA	PROVINCE WAL 383D (NINGXIA HUI AUTO REGION)			
AREA NO. L	SUBJECT BAU	SUBJECT D12	SUBJECT D36	
CHANG	L	U	SHU	KUO
R	D	E	R	T
A	T	E	R	E
R	A	T	E	

DISCORDANT TERTIARY (KU-YUAN SERIES) 2005

CONGLOMERATE TERRACE ABOVE VERTICAL STANDING  
DEVONIAN SANDSTONE AT MOUTH OF CHANG-LIU-SHUI  
(STREAM) SEE #80 ON CIA MAP H421.11-22 145409-R

50 1429 25X1A

DATE OF PHOTO	TYPE	QUANTITY	CLASS	NO. OF CARDS
58	4	1	C	3

CLASSIFICATION

CONFIDENTIAL

CAPTIONED BY

FORM 174



Approved For Release 1999/09/24 : CIA-RDP78-05867A000414450008-4

PHOTO NO.	912517	REF NO.	2541	CLASS	25X1A	COORDINATES	37 27N 105 33E
COUNTRY	CHINA		PROVINCE				
AREA NO.	L	WAC 383D (NINGXIA HUI AUTO REGION)					
SUBJECT	DID	BAG	D12	D36			
\$ A N - H O - Y E N G (N R) U P P E R C A R B O N I F E R O U S S A N D \$ T O N E							

WITH STEEP ~~BEACH~~ DIP TO JARD SOUTH  
 HUANG HO, BAG.  
 SEE # 81 ON CIA MAP 4421.11-22A 145909R

81	1.4.29	25X1A		
DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	4
CLASSIFICATION			CAPTIONED BY	
CONF/NFO			KEB	

FORM NO. 174 Approved For Release 1999/09/24 : CIA-RDP78-05867A000414450008-4

PHOTO NO.	912548	LOT NO.	2541	MAP REFERENCE	SC	LATITUDE	37 27N	LONGITUDE	105 08E
COUNTRY	CHINA		HAC 383D (NINGXIA HILL Photo Region)						
AREA NO.	L	SUBJECT	DID	SUBJECT	BAG	SUBJECT	D36	SUBJECT	D12
SAN -		HO -		YEN &		(NR)		U P P E	
R		C A R B O N		I F E R O U		\$		\$ I A N D	
\$ T O N E									

(WITH STEEP DIP TOWARD SOUTH.  
 HUANG HO, LBA. SEE #82 ON CIA  
 MAP H42.11-22 145929R

82	1429		25X1A	
BASE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	4
CLASSIFICATION			CAPTIONED BY	
CONF/NFD			XEB	

PHOTO NO.	912519	LOT NO.	2541	MAP REFERENCE	C	LATITUDE	37 27N	LONGITUDE	104 57E
COUNTRY	CHINA		PROVINCE						
		WGC 383D (NINGXIA HUI AUTO. REGION)							
AREA NO.	L	SUBJECT	BAG DD	SUBJECT		SUBJECT		SUBJECT	
JAN - HO - YEN G (NR)		U P P E R		C		AR BO NI F E R O U		S H A N D S T	
NE									

HORBT. SEE #88 ON CIA MAP H42/11-22  
145909R.

83	1, 4	25X1A		
DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CASES
58	4	1	C	2
CLASSIFICATION		CAPTIONED BY		
CONF/NFD		REB		

Approved For Release 1999/09/21 : CIA-RDP78-05867A000414450008-4

PHOTO NO.	912510	LOT NO.	2541	MAP REFERENCE	C	LATITUDE	37	LONGITUDE	27N 105E
COUNTRY	CHINA		PROVINCE						
		WAL 383D (NINGXIA HUI AUTO REGION)							
AREA NO.	L	SUBJECT	DIB	SUBJECT	DIM	SUBJECT	B36	SUBJECT	DIU
\$ AN -		HO -		YEN		G (NR)		{ CARB	
ONIFEROUS		\$		#		AND		\$ TONE	

UPPER CARBONIFEROUS SANDSTONE WITH  
 STEEP DIP TOWARD SOUTH. HUANG HO,  
 EG. SEE #84 ON CIA MAP H 421.11-22. M501R

(84)

1, 4, 29

25X1A

DATE OF PHOTO	58	TYPE	4	QUALITY	1	CLASS	C	NO. OF CARB	4
CLASSIFICATION						CAPTIONED BY			
CONF/NFO						KEB			

Approved For Release 1999/09/21 : CIA-RDP78-05867A000414450008-4

RUSS NO.	91251	FOR NO.	2541	MAP REFERENCE	B	LAUNCH	37	27N	104	55E
COUNTRY	CHINA		PROVINCE WRC 383D (NINGXIA HUI Auto Region)							
AREA NO.	L	SUBJECT	BAG	DID	D38	DIM	AZE			
CHANG		- LI		U		- SH		LI		70
UPPER		CAR		BANI		FEROU		S		60
SAND		STON		E						

SHOWING AREA WHERE MAP 83 & 84 WERE TAKEN.

~~THE~~ Photo correction: HUANG HC SHOULD READ

CHANG-LIU & HUI. SEE # 85 ON CIA MAP

H. 421. 11-22 145909-R

85

14, 14, 29 25X1A

DATE OF PHOTO	TYPE	QUANTITY	CLASS	NO. OF CARDS	BOX
58	4	1	C	5	
CLASSIFICATION			CAPTIONED BY		
CONF/NFD			KEB		

WFO NO.	912502	LOC NO.	2541	MAP REFERENCE	C	LATITUDE	37 27N	LONGITUDE	104 55E
COUNTRY	CHINA		PROVINCE						
AREA NO.	L	WAL 383D (NINGXIA HUI AUTO REGION)							
SUBJECT	DIM	SUBJECT	BAG	SUBJECT	D36	SUBJECT	DID	SUBJECT	D17
C H A N G - L I U - B H U I - K U O (N									
R) [S] L U R I A N Q U A R T Z I T									
T E									

~~SILURIAN SANDSTONE~~  
 SILURIAN QUARTZITIC SANDSTONE WITH STEEP  
 DIP ON N BANK OF HUANG HO WEST OF  
 CHANG-LIU-BHUI-KUO. SEE #86 ON CIA MAP H43.11-22

86. 145909-B. 1, 4, 29 25X1A

DATE OF PHOTO	TYPE	QUANTITY	CLASS	NO. OF CARDS	BOX
58	4	1	C	4	
CLASSIFICATION			CAPTIONED BY		
CONF/NFD			XEB		

PHOTO NO.	912553	LOT NO.	32541	MAP REFERENCE	ALLS	SURFACE	304	LEN	104	SEE
COUNTRY	CHINA		PROVINCE							
AREA NO.	L	SUBJECT	DID	SUBJECT	D/2	SUBJECT	BAG	SUBJECT	DIM	
	P E I		H O		(K U O)		(NR)	L A R G E		\$ Y
	N C L I N E									

SHOWING TRIASSIC (TY); UPPER (C<sup>2</sup>) CARBONIFEROUS,  
 UPPER (P<sup>2</sup>) & LOWER (P<sup>1</sup>) PERMIAN FORMATION.  
 SEE # 87 ON CIR MAP # 421.11-22 145909-R.

87	25X1A				
DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	
58	4	1	C	4	
CLASSIFICATION				CAPTIONED BY	
CONF/NFD				REB	



PHOTO NO. 912554 LOT NO. 2541 MAP REFERENCE C 37 19N 104 34E

COUNTRY CHINA PROVINCE WU 383D (KANSU)

AREA NO L SUBJECT BAG SUBJECT DID SUBJECT DIM SUBJECT L A R G E S Y

P E I H O (K U O) 13 20

N C L I N E 21 24 A K E N W E S T 20

F # 8 9

(CIA ———)

PT 1 of 2 PT PANORAMA. SEE CIN FOR C.A.M.P. SEE # H421.11-22

145909-R.

25X1A

BASE OF PHOTO TYPE QUALITY CLASS NO. OF CARDS

58 4 1 C 4

CLASSIFICATION CONFIDENTIAL CAPTION REB

PHOTO NO.	912555	LOT NO.	32541	REF. NO.	C	37	19N	124	34E
COUNTRY	CHINA		PROVINCE	WUL 383D (KANSHU)					
AREA NO.	L	SUBJECT	BAG	SUBJECT	DID	SUBJECT	DIZ	SUBJECT	DIM
P E I	1	H O	(K U U)	L A	R G E	8	10		
N C	1	N E	(T)	A K E N	W E A T	0			
F	8								

SEE CIN  
PT 2 of 2 PT PANORAMA. SEE H 421.11-22  
145909-R

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	4
CLASSIFICATION			CAPTIONED BY	
CONF/NFO			REB	

25X1A





PHOTO NO.	912557	COY NO.	8 2541	CLASS REFERENCE	C	APPROX	87 2.3N 102 18E
COUNTRY	CHINA	PROVINCE	N2C 383D (NINGSIA)				
AREA NO.	L	SUBJECT	BAL AKV	SUBJECT	DID DIU DIL	SUBJECT	
	CHINE		SHAN		(NR)		DEVON
	IAN		QUART		ZITIC		SAND
	TONE						
<p>ON CHUNG-NING - LAN-CHU HIRWAY NR FERRY.</p>							

87	DATE OF PHOTO	TYPE	14	CLASS	NO. OF CARDS	25X1A
	58	4	2	C	4	
<p>APPROVED FOR RELEASE 1999/09/21 : CIA-RDP78-05867A000414450008-4</p>						
<p>PHOTO ANALYSIS REPORT</p>						

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

REF ID	LOC NO	MAP REFERENCE	LATITUDE	LONGITUDE
	2541	NIS	36 16	105 19E
COUNTRY	PROVINCE			
CHINA	WAL 383 C (NINGXIA) <del>For - 1000000000</del>			
AREA NO	SUBJECT	SUBJECT	SUBJECT	SUBJECT
L	DID	BAG	AKV	
HEI -	CHENG	-	CHEN	(NK)
ECUM	BENT	A	NTIC	LINE
URAB	\$	1	C	

(J12) FORMATION ~~NEAR~~ OF HEI-CHENG-CHEN. SEE # 91 ON CIA MAP H-421.11-22.

145702-R

91

1428

25X1A

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	3
CLASSIFICATION			APPROVED BY	
CONF/NFD			XEB	

PHOTO NO.	912560	LOT NO.	2541	CAP REFERENCE	NIS	CAPCODE	36 16	LONGITUDE	112 112
COUNTRY	CHINA		BOL 383 C (NING SIA HAI AUTO BGR)						
AREA NO.	L	SUBJECT	DIM.	SUBJECT	BAG	SUBJECT		SUBJECT	
	HEI		CHENG		CHEN		(NR)		
	A		M		I		N		A
	T		E		D		H		A
	E								

LAMINATED GRETACEOUS MARL & SHALES  
(BRL<sup>9</sup>) NE OF HEI-CHENG-CHEN.

SEE #92 ON CIA H 42.11-22 145409-R

92	1, 4	25X1A
DATE OF PHOTO	TYPE	QUALITY
58	4	1
CLASS	NO OF CARDS	
C	2	
CLASSIFICATION	CAPTIONED BY	
CONF/NFO	REB	

REPORT NO.	912551	LOT NO.	2541	MAP REFERENCE	1-12	LABOR	16	DATE	12-27
COUNTRY	CHINA		PROVINCE	3132 (unlabeled)					
AREA NO.	L	SUBJECT	DID	SUBJECT	DIQ	SUBJECT	BAG	SUBJECT	AH3
									D43
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(WITH GENTLE DIP, DEE #93 ON CIA MAP  
#421, 11-22 145909-R)

93	DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	25X1A
	58	4	1	C	5	
CLASSIFICATION	CONF/NFD			CAPTIONED BY	REB	



NO. 9125162 LYN NO. 2541 25X1A 37 OEN 100 OLE

COUNTRY CHINA PROVINCE NINGXIA HUI AUTO REGION

AREA NO. L SUBJECT BAG DID DIM

T I E N - C H I A O - E R H (NR) 1 H

O R I Z O N T A L T E R T I A R Y

(D R K 1-2)

NEARLY HORIZONTAL TERTIARY TRK 1-2

SANDSTONE NR DIEN CHIAO-ERH NE. OF

DUNG-HUIN SEE #94 ON CIA MAP H-4211-22

145909-R

94

25X1A

14

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF COPIES
58	4	1	C	3

CLASSIFICATION CONF/NFD

CAPTIONED BY KEB

PHOTO NO.	9125003	LOT NO.	2541	[REDACTED]				37	08N	106	01E
COUNTRY	CHINA		PROVINCE	WAC 383C (NINGBIA Hui Hui Region)							
AREA NO.	L	SUBJECT	DID	SUBJECT	DIM	SUBJECT	DIL	SUBJECT	BA6	SUBJECT	
T I E N		C H I A		O - E R H		(N R)		T			
E R T I A R Y		(T R K T P)		S A N D		S T					
O N E											

(WITH GENTLE DIP? East of No 74  
~~Low Rnd~~ PARTIALLY COVERED  
WITH LOESS, BG. @ TERRACE GRAVEN  
FG. SEE CIA H42611-22 145909-R

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	25X1A
58	4	1	C	4	[REDACTED]
CLASSIFICATION				CAPTIONED BY	
CONF/NFO				REB	
Approved For Release 1990/01/01 : CIA-RDP78-05867A000414450008-4					

Case 1959/09/21 25X1A CIA RDP78-05867A000414450008-4

912564 2541 37 28 N 105 18 E

COUNTRY CHINA PROVINCE WAC 3830 (NINGXIA Hui Auto Region)

AREA NO L SUBJECT DIB SUBJECT BAG SUBJECT D43 SUBJECT DIL SUBJECT DIM SUBJECT (N"R) SUBJECT (D) ER

HUNG - YAI - TZU (N"R) (D) ER

TIAK Y 9 CARBON FEROU

FOR T N

DISCORDANT TERTIARY BASAL CONGLOMERATE  
 & CARBONIFEROUS BLACK SHALE NR OPEN PIT  
 SOUTH OF HUNG YAI - TZU  
 COAL MINE SEE #96 ON CIA MAP H421.11-22 145709P

96 1.4.18 25X1A

DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS
58	4	1	C	5

CAPTIONED BY KEB



PHOTO NO.	912065	LOT NO.	2541	NAV REFERENCE	C	CASE NO.	37 35N 105 45E
COUNTRY	CHINA		PROVINCE	YUNNAN 3130 (NINGSIA HUI Auto Region)			
AREA NO.	L	SUBJECT	BAG DIL	SUBJECT		SUBJECT	
	CHUNG	-	NING	(NR)		TER	T
	ARY	REVERSE	BE	F	AULT		
	OF	TOWN					

MINOR REVERSE FAULT IN TERTIARY (ARENACEOUS)  
 RED CLAY WITH GRAY SAND IMBEDDINGS SE OF  
 CHUNG-NING IN YEN-TUNG SHAN. SEE #98  
 ON CIA MAP 0421.11-22 145909-R.

25X1A

78	DATE OF PHOTO	TYPE	QUALITY	CLASS	NO. OF CARDS	NO.
	58	4	1	C	2	
CLASSIFICATION				CAPTIONED BY		
CONF/NFD				XEB		

PHOTO NO	912567	LOT NO	2541	MAP REFERENCE	NIS	LATITUDE	37 35 N	LONGITUDE	103 17 E
COUNTRY	CHINA		PROVINCE	MAC 383C (NINGBIA HILL AREA)					
AREA NO	L	SUBJECT	REG DID	D36	SUBJECT		SUBJECT		SUBJECT
CHUNG		N		N		(NR)		DEVON	
I		A		N		S		H	
D		F		T		O		W	
N		T		O		W		N	

DEVONIAN SANDSTONE (WITH ABUNDANT ~~SEA~~  
 "LEPIDOPHLOEM RHOMBICUM") WITH STEEP DISTURBED  
 DIP IN YEN-TUNG SHAN OF Chung-Ning.  
 Huang Ho, BG. 1 SEE # 99 ON CIA map H421.11-22. 145909R  
 114,29 25X1A

DATE OF PHOTO	58	TYPE	4	QUALITY	1	CLASS	C	NO. OF CARDS	3
CLASSIFICATION						CAPTIONED BY			
CONF/NFO						KEB			